

**PROTECTED ACTIVATORS FOR USE IN
LEUCO DYE COMPOSITIONS**

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ABSTRACT OF THE DISCLOSURE

Compositions and methods for production of color images using leuco dye-containing color forming compositions are described. The color forming 10 composition can include a color forming leuco dye, an activator having at least one acid group which can be protected by a protection leaving group; and a deprotecting agent configured for removing the protection leaving group upon application of energy in the form of heat or light.